

Mineral Industry Surveys

For information, contact:

Alan Founie, Gypsum Commodity Specialist
U.S. Geological Survey
983 National Center
Reston, VA 20192
Telephone: (703) 648-7720, Fax: (703) 648-7975
E-mail: afounie@usgs.gov

Virginia C. Harper (Data)
Telephone: (703) 648-7983
Fax: (703) 648-7975
E-mail: vharper@usgs.gov

Internet: <http://minerals.usgs.gov/minerals>

GYPSUM IN MAY 2005

Producers mined 1.82 million metric tons (Mt) of gypsum in May 2005 (table 1). Output was 28% more than that of April 2005 and 36% more than that of May 2004. Synthetic gypsum production was 762,000 metric tons (t) in May 2005 (table 1), which was 3% more than that of April 2005 and 3% more than that of May 2004. Both mined and synthetic gypsum are used as raw material for wallboard. The wallboard industry is the largest domestic consumer of gypsum. During January through April 2005, synthetic gypsum accounted for 2.92 Mt, or about 25%, of the 11.6 Mt supply of gypsum in the United States. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 677,000 t (table 2), 35% more than that of April 2005 and 44% more than that of May 2004.

Output of calcined gypsum for May (table 1) was 2.01 Mt, 4% less than that of April 2005, and 7% more than that of May 2004. Sales of board products were about 3.0 billion square feet

(277 million square meters), slightly less than that of April 2005 and 8% more than that of May 2004.

U.S. Government import and export data for May 2005 were not available at the time of publication. According to the U.S. Census Bureau, imports of crude gypsum in April 2005 were 909,000 t (table 3), 6% less than that of March 2005, and 21% more than that of April 2004. Gypsum wallboard imports, principally from Canada, for April 2005 were 56,000 t, equivalent to 67 million square feet (6.2 million square meters). These imports were 14% more than that of March 2005 and 2% less than that of April 2004. Wallboard exports to 30 countries and territories in April 2005 were 7,800 t, equivalent to 9.4 million square feet (868,000 square meters). These exports were 3% more than those of March 2005 and 15% more than those of April 2004.

All percentages in this report were computed based on unrounded data.

TABLE 1
GYPSUM SUPPLY^{1, 2}

(Metric tons)

	2005			2004
	May	April	January-May	January-May
Crude:				
Mined ³	1,820,000	1,420,000	7,170,000	6,730,000
Imported ⁴	NA	909,000	NA	3,780,000
Exported ⁴	NA	12,300	NA	58,200
Synthetic gypsum ⁵	762,000	743,000	3,680,000	3,500,000
Total supply	NA	3,060,000	NA	14,000,000
Calcined:				
Produced	2,010,000	2,100,000	9,790,000	9,480,000
Imported ⁶	NA	240	NA	2,360
Exported ⁶	NA	11,500	NA	207,000
Total supply	NA	2,090,000	NA	9,280,000

NA Not available.

¹Includes data from the Gypsum Association.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Some data were estimated from semiannual reports.

⁴Import and export data are for "Gypsum; anhydrite," Harmonized Tariff Schedule 2520.10.0000.

⁵Reported production only.

⁶Import and export data are for "Plaster," Harmonized Tariff Schedule 2520.20.0000.

TABLE 2
GYPSUM SOLD OR USED BY PRODUCERS, BY USE^{1, 2}

(Metric tons, unless otherwise specified)

	2005			2004
	May	April	January-May	January-May
Uncalcined: ³				
Portland cement	436,000	296,000	1,440,000	1,340,000
Agriculture and miscellaneous	240,000	205,000	1,040,000	659,000
Total	677,000	501,000	2,480,000	2,000,000
Calcined:				
Board products ⁴	2,490,000	2,500,000	12,100,000	11,700,000
Plaster	13,400	14,100	67,900	69,400
Total	2,500,000	2,510,000	12,200,000	11,800,000
Board products: (Thousand square feet) ⁵				
Regular board	1,830,000	1,830,000	8,970,000	8,580,000
Type X board	890,000	894,000	4,260,000	4,170,000
Other	271,000	272,000	1,320,000	1,280,000
Total supply	2,990,000	2,990,000	14,600,000	14,000,000

¹Includes data from the Gypsum Association.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Does not include synthetic gypsum from electric power plants.

⁴Includes weight of paper and other materials.

⁵One square meter equals 10.78 square feet.

TABLE 3
CRUDE GYPSUM IMPORTED FOR CONSUMPTION¹

(Metric tons)

Country of origin	2005			2004
	April	March	January-April	January-April
Bahrain	--	8	8	--
Canada	649,000	578,000	2,300,000	1,880,000
China	--	16	16	41,300
Costa Rica	--	--	--	49
Dominica	--	--	2	--
Dominican Republic	23,100	18,100	59,200	31,100
Germany	20	--	60	--
Italy	--	--	--	21,900
Jamaica	--	21,600	21,600	--
Mexico	207,000	263,000	770,000	702,000
Peru	--	--	79	--
Spain	30,000	83,600	247,000	197,000
United Kingdom	--	--	--	1
Total	909,000	964,000	3,400,000	2,880,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.

TABLE 4
CRUDE GYPSUM IN THE UNITED STATES^{1, 2}

(Thousand metric tons)

Period	Consumption ³	Production ⁴	Imports ⁵	Exports ⁵
2004:				
May	2,230	1,340	905	11
June	2,200	1,280	936	14
July	2,570	1,580	1,010	14
August	2,240	1,520	735	9
September	2,220	1,390	835	12
October	2,400	1,460	954	14
November	2,360	1,460	920	13
December	2,420	1,480	958	14
January-December	26,900	16,900	10,100	149
2005:				
January	2,220	1,460	770	14
February	2,190	1,460	755	17
March	2,400	1,470	964	27
April	2,320	1,420	909	12
May	NA	1,820	NA	NA

NA Not available.

¹Excludes synthetic gypsum.

²Data are rounded to no more than three significant digits.

³Consumption calculated by adding the production and imports shown in this table and subtracting the exports shown in this table. Monthly inventory changes are not included.

⁴Production data are from the semiannual gypsum canvasses of the non-wallboard producers, annual canvass of all producers, and from monthly data furnished by the Gypsum Association from the wallboard producers.

⁵Data from U.S. Census Bureau.

TABLE 5
SALES OF GYPSUM BOARD PRODUCTS, BY SALES REGIONS^{1,2}

(Thousand square feet)³

	New England	Middle Atlantic	E. North Central	W. North Central	South Atlantic	E. South Central	W. South Central	Mountain	Pacific	Exports	Total
2005:											
May:											
Veneer base	25,800	2,050	6,810	564	9,120	26	51	280	1,100	30	45,800
Sheathing	1,440	4,390	4,980	6,140	17,100	2,990	12,000	5,620	8,080	907	63,600
Regular gypsum board	40,300	143,000	211,000	101,000	542,000	128,000	222,000	187,000	217,000	35,900	1,830,000
Type X gypsum board	27,600	90,800	123,000	65,600	153,000	30,900	86,700	114,000	191,000	6,750	890,000
Predecorated board	300	640	920	443	1,720	414	901	364	811	43	6,560
5/16 Mobile home board	--	777	4,440	--	10,800	11,700	7,040	110	717	--	35,600
Water/moisture resistant board	5,210	20,300	13,700	5,670	28,100	4,430	11,000	10,300	16,700	4,220	119,000
Total	101,000	261,000	365,000	179,000	762,000	178,000	340,000	318,000	436,000	47,800	2,990,000
January- May:											
Veneer base	126,000	12,000	37,300	3,800	46,600	127	260	1,470	6,830	170	244,000
Sheathing	5,830	19,900	21,900	28,500	76,300	14,000	57,100	28,100	41,500	5,370	299,000
Regular gypsum board	212,000	716,000	1,070,000	560,000	2,670,000	609,000	1,060,000	905,000	999,000	167,000	8,970,000
Type X gypsum board	134,000	421,000	594,000	324,000	744,000	154,000	436,000	527,000	890,000	34,500	4,260,000
Predecorated board	1,590	3,020	4,600	2,000	6,540	1,840	4,210	1,580	2,930	238	28,500
5/16 Mobile home board	--	2,690	21,800	--	48,600	61,700	31,500	791	2,550	77	170,000
Water/moisture resistant board	26,500	98,700	74,000	31,600	136,000	23,200	54,000	48,000	78,500	18,900	590,000
Total	506,000	1,270,000	1,830,000	950,000	3,730,000	864,000	1,640,000	1,510,000	2,020,000	226,000	14,600,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, MI, OH, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DC, DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

³One square meter equals 10.78 square feet.

Source: Gypsum Association.